

Appl. No. 10/697,910
Examiner: HEWITT, JAMES M, Art Unit 3679
In response to the Office Action dated June 7, 2005

Date: September 7, 2005
Attorney Docket No. 10111392

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): An inflatable product, including;

a first chamber;

a first ~~manually~~ mechanically-controlled valve;

an air pump for inflating the first chamber through the first ~~manually~~ mechanically-controlled valve;

a first switch for activating the air pump and opening the first ~~manually~~ mechanically-controlled valve; and

a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on, ~~and a relay activated to supply the air pump with power when the second switch is turned on.~~

Claim 2 (original): The inflatable product as claimed in claim 1, wherein the second switch is a microswitch.

Claim 3 (currently amended): The inflatable product as claimed in claim 1, further comprising:

a second chamber;

a second ~~manually~~ mechanically-controlled valve through which the air pump inflates the second chamber; and

a third switch to activate the air pump and open the second ~~manually~~ mechanically-controlled valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on, ~~and the relay is activated to supply the air pump with power when the fourth switch is turned on.~~

Claim 4 (original): The inflatable product as claimed in claim 3, wherein the fourth switch is a microswitch.

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Claim 5 (currently amended): An inflatable product, including:

a first chamber;

a first pack body;

a first mechanically-controlled valve disposed in the first pack body;

an air pump for inflating the first chamber through the first mechanically-controlled valve;

a first switch, disposed on the first pack body, for activating the air pump and

mechanically opening the first mechanically-controlled valve; and

a switch circuit through which the air pump is activated by the first switch, wherein the switch circuit has a second switch turned on by the first switch when the first switch is turned on.

Claim 6 (original): The inflatable product as claimed in claim 5, wherein the second switch is a microswitch.

Claim 7 (original): The inflatable product as claimed in claim 5, wherein the second switch is disposed in the first pack body.

Claim 8 (currently amended): The inflatable product as claimed in claim 5, wherein the switch circuit has ~~a relay~~ is activated to supply the air pump with power when the second switch is turned on.

Claim 9 (currently amended): The inflatable product as claimed in claim 5, further comprising:

a second chamber;

a second mechanically-controlled valve, disposed in the first pack body, through which the air pump inflates the second chamber; and

a third switch, disposed on the first pack body, to activate the air pump and open the second mechanically-controlled valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 10 (original): The inflatable product as claimed in claim 9, wherein the fourth switch is a microswitch.

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Claim 11 (original): The inflatable product as claimed in claim 9, wherein the fourth switch is disposed in the first pack body.

Claim 12 (currently amended): The inflatable product as claimed in claim 9, wherein the switch circuit ~~has-relay~~ is activated to supply the air pump with power when the fourth switch is turned on.

Claim 13 (original): The inflatable product as claimed in claim 5, further comprising:

a second chamber;

a second pack body;

a second valve, disposed in the second pack body, through which the air pump inflates the second chamber; and

a third switch, disposed on the second pack body, to activate the air pump and open the second valve, wherein the switch circuit has a fourth switch turned on by the third switch when the third switch is turned on.

Claim 14 (original): The inflatable product as claimed in claim 13, wherein the fourth switch is a microswitch.

Claim 15 (original): The inflatable product as claimed in claim 13, wherein the fourth switch is disposed in the second pack body.

Claim 16 (currently amended): The inflatable product as claimed in claim 13, wherein the switch circuit ~~has-relay~~ is activated to supply the air pump with power when the fourth switch is turned on.

Claim 17 (new): The inflatable product as claimed in claim 1, wherein the switch circuit further comprises a relay activated to supply the air pump with power when the second switch is turned on.

Claim 18 (new): The inflatable product as claimed in claim 5, wherein the first pack body is connected to the first chamber.

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Claim 19 (new): The inflatable product as claimed in claim 7, wherein the first pack body is connected to the first chamber.

Claim 20 (new): The inflatable product as claimed in claim 9, wherein the first pack body is connected to the second chamber.

Claim 21 (new): The inflatable product as claimed in claim 11, wherein the first pack body is connected to the second chamber.

Claim 22 (new): The inflatable product as claimed in claim 13, wherein the second pack body is connected to the second chamber.

Claim 23 (new): The inflatable product as claimed in claim 15, wherein the second pack body is connected to the second chamber.